

Title (en)

A process for the preparation of a frozen confection

Title (de)

Verfahren zur Herstellung von Eiskonfekt

Title (fr)

Procédé de préparation d'un article de confiserie glacée

Publication

EP 1084623 A1 20010321 (EN)

Application

EP 99118488 A 19990918

Priority

EP 99118488 A 19990918

Abstract (en)

The present invention concerns a process for the preparation of a fat-containing, foamed, frozen confection, wherein said preparation is carried out according to the following steps : the ingredients of the fat-containing confection are mixed together, said mixture is pasteurised and homogenised or homogenised and pasteurised, the homogenised mixture is submitted to a at least two-steps cooling, wherein the first step corresponds to a temperature decrease from the pasteurisation or homogenisation temperature to around 10-35 DEG C and the second step from 10-35 DEG C to around 1 to 10 DEG C and a holding time is applied between both cooling steps, the cooled mixture is maintained at the temperature of around 1 to 10 DEG C during at least 0.1 hour and the cooled mixture is freezed with an incorporation of air or another gas before or during freezing.

IPC 1-7

A23G 9/04; **A23G 9/08**; **A23G 9/14**

IPC 8 full level

A23G 9/04 (2006.01); **A23G 9/08** (2006.01); **A23G 9/14** (2006.01)

CPC (source: EP US)

A23G 9/04 (2013.01 - EP US); **A23G 9/08** (2013.01 - EP US); **A23G 9/14** (2013.01 - EP US)

Citation (search report)

- [YA] GB 1137368 A 19681218 - DCA FOOD IND
- [A] US 4431682 A 19840214 - SMITH GORDON C [US], et al
- [A] FR 2494962 A1 19820604 - KIRK CHEM AS [DK]
- [XAY] ARBUCKLE: "Ice Cream", 1986, AVI, WESTPORT, XP002127081
- [X] DATABASE WPI Section Ch Week 199004, Derwent World Patents Index; Class D13, AN 1990-028589, XP002127082

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1084623 A1 20010321; **EP 1084623 B1 20040428**; AT E265149 T1 20040515; AU 7288300 A 20010424; BR 0014520 A 20020611; CA 2383102 A1 20010329; DE 69916831 D1 20040603; DE 69916831 T2 20050421; IL 148289 A0 20020912; MX PA02002729 A 20020730; US 2002182300 A1 20021205; WO 0121006 A1 20010329; ZA 200203048 B 20030717

DOCDB simple family (application)

EP 99118488 A 19990918; AT 99118488 T 19990918; AU 7288300 A 20000915; BR 0014520 A 20000915; CA 2383102 A 20000915; DE 69916831 T 19990918; EP 0009117 W 20000915; IL 14828900 A 20000915; MX PA02002729 A 20000915; US 9834302 A 20020318; ZA 200203048 A 20020417